Application No.: 10/619,416

Examiner: Carl D. PRICE

Group Art Unit: 3749

AMENDMENTS TO THE CLAIMS:

Claim 1 (Canceled)

2. (Currently Amended) The ignition gun with safety switch recited in claim 1. wherein An ignition gun comprising:

a hollow body with a tube that stretches out from one side of the hollow body; a safety switch located on a center opening of said hollow body, one end of said

safety switch connected on an inner side of said hollow body to allow a free end of said safety switch to be pressed downward, said safety switch comprises a body, a pressing

brim and a pressing part, said pressing part is positioned on top of said body to move

forward or backward;

a brake bar installed inside said pressing part, a top of said brake bar is in contact with said pressing part, a bottom of said brake bar is pressed against a stopper, movement of said pressing part is restricted by said stopper, a brim of the hollow body permits access to said safety switch, said brim blocks the pressing brim by engaging a top surface of said pressing brim to prevent said safety switch from being pushed down;

a starting bar stretching downward and located on a bottom of the free end of said safety switch;

a piezo-electric unit located inside said hollow body, a starter of said piezoelectric unit connects to said starting bar, said piezo-electric unit connects to an ignition area of the tube with a wire and connects to an inner side of said tube with another wire to form a discharge spark generating loop;

a gas outlet, one side of said gas outlet connecting to said starting bar, another side of said gas outlet connecting to an outlet of a gas valve of a gas tank;

a gas tube located on the gas valve of the gas tank and one side thereof

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connected to the outlet of said gas valve, another side of said gas tube connects to said

ignition area; and

said gas outlet having comprising a trigger and [[an]] a gas lever, [[the]] a center

of said trigger connects to the inner brim of said hollow body, one side of said trigger

touches said starting bar of said safety switch, the other another side of said trigger

touches one end of said gas lever, [[the]] a right angle portion of said gas lever

connects to the [[inner]] brim of said hollow body, one side of said gas lever touches

said trigger, the other another side of said gas lever connects to said gas valve of the

gas tank.

3. (Currently Amended) The ignition gun with safety switch as recited in claim

2, wherein further comprising a plurality numbers of slippage-proof stripes located on

[[the]] top of said brake bar.

4. (Currently Amended) The ignition gun with safety switch as recited in claim

3, wherein further comprising a regulator installed on the connection between said gas

valve and the gas tank, said regulator comprises an adjustable rod is on the regulator.

said adjustable rod exposes from extends out of the hollow body that is farther from the

other side gas tank, and said adjustable rod adjusts [[the]] flow of gas from the gas tank.

5. (Currently Amended) The ignition gun with safety switch as recited in claim

4, wherein said further comprising a gas inlet valve located on the gas tank that located

on the other side of said gas valve, an open hole of said hollow body that corresponding

corresponds to said gas inlet valve so the gas charging tank can have the inlet tube pass

through said opening and connect to said gas inlet valve to inflate gas into the gas tank

to permit filling of the gas tank.

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